

State of New Hampshire Department of Environmental Services

INVENTORY REPORT FORM (Env-Wm 1401.11)

(See opposite side for instructions)



(a) NHDES Facility ID#: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Town: \_\_\_\_\_

Tank Number / Capacity: \_\_\_\_\_ / \_\_\_\_\_

Product: \_\_\_\_\_

Month / Year: \_\_\_\_\_ / \_\_\_\_\_

Column 1	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	For owner use
Day	(d) Opening Stick or ATG	(b) Stick / ATG Before Delivery	(b) Stick / ATG After Delivery	Amount Delivered column (4 - 3)	(d) Closing Stick or ATG	Use from Stick / ATG column (2 + 5 - 6)	(c) Metered Uses or Sales	(f) Daily Variance column (8 - 7)(+ or -)	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
(e) WATER		(h) Total monthly pump meter reading (uses) or sales (column 8) =						Monthly Gallons Over	
Date	Inches	(i) MAXIMUM ALLOWABLE LIMIT (Monthly Variance) Total monthly pump meter reading (uses) or sales (h) x 1% + 130 gal. = max. gallons allowed						Monthly Gallons Short	
		_____ x 0.01 + 130 gal. = _____ gal. Maximum Allowable						(g) Monthly Variance (+ or -)	
Monthly water change inches =		(k) If any of the following occur, then phone (603) 271-3644 : 1. If monthly variance (g) is greater than max. allowable (i); 2. If total water depth is greater than the allowable 3" (e); or 3. If change in water depth is greater than the allowable 2" (e).							

(J) Owner Signature \_\_\_\_\_

\* NOTE: ALL COLUMN ENTRIES ARE IN GALLONS

NOTE: (d) MEASUREMENT OF LIQUID STORED MAY BE TAKEN AT THE START OF DAY AND / OR END OF OPERATING DAY.

# State of New Hampshire DEPARTMENT OF ENVIRONMENTAL SERVICES

## INVENTORY MONITORING CHECKLIST FOR REGULATED UNDERGROUND STORAGE TANK SYSTEMS Env-Wm 1401.11

Inventory monitoring is required when an UST stores motor fuels, waste oil, hazardous materials, heating oil or any regulated substance.

Inventory monitoring for motor fuel, bulk storage fuel oil or hazardous substance systems without secondary containment and leak monitoring for both tank and piping.

- (a) Facility registration number, tank number, volume, and type of substance being stored.
- (b) Tank contents in gallons before and after each delivery.
- (c) Total liquid gallons of sales or metered uses for each operating day.
- (d) Measurement in gallons of liquid stored for each operating day to the nearest 1/8" by gauge stick or automatic tank gauge (ATG).
- (e) Monthly measurement in inches of water level.
- (f) Daily loss or gain of product in gallons for each operating day.
- (g) Total monthly gallons of loss or gain of product (Monthly Variance).
- (h) Total monthly liquid gallons of sales or use.
- (i) Monthly maximum gain or loss in product allowed (Monthly Variance).
- (J) Owner signature certifying the accuracy of the monthly inventory records.
- (k) Reporting requirements (notify the division within 24 hours) phone (603) 271-3644 if:
  - A change in water level of +/-2" or more, or a total depth of 3" or more in a month or less.
  - A gain or loss of product exceeding pump meter reading (uses) or sales x 0.01 + 130 gallons.

**NOTE 1:** Tank systems exempt from inventory control are a system with both secondary containment and leak monitoring for both tank and piping, Bunker C, no. 4, no. 5 and no. 6 fuel oil.

**NOTE 2:** On-premise-use heating oil or generator systems without secondary containment and leak monitoring for both tank and piping shall conduct inventory control by annual tank gauging; see Env-Wm 1401.11(f) and (g).

**NOTE 3:** Waste oil systems without secondary containment and leak monitoring for both tank and piping shall conduct inventory control by monthly tank gauging; see Env-Wm 1401.11(h) and (i).

**NOTE 4:** Release detection methods as specified in Env-Wm 1401.29 and Env-Wm 1401.30 may be substituted for annual tank gauging or monthly gauging as required by heating oil, waste oil and generator systems.

**NOTE 5:** Maintain all records relating to inventory monitoring for a period of 3 years.

(Sample form below, see opposite side for a blank form)

(a) NHDES Facility ID#: <b>0-000000</b>		Facility Name: <b>My Station</b>		Town: <b>My Town</b>	
Tank Number / Capacity: <b>#1/1,000 gal.</b>		Product: <b>gasoline (plus)</b>		Month / Year: <b>6/97</b>	

Column 1	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	For owner use
Day	(d) Opening Stick or ATG	(b) Stick / ATG Before Delivery	(b) Stick / ATG After Delivery	Amount Delivered column (4 - 3)	(d) Closing Stick or ATG	Use from Stick / ATG column (2 + 5 - 6)	(c) Metered Uses or Sales	(f) Daily Variance column (8 - 7)(+ or -)	
1	950				300	650	635	-15	
2	300	300	950	650	200	750	765	+ 15	
3	200	115	950	835	456	579	566	-13	
31	428	322	950	625	434	622	656	+ 34	

(e) WATER

Date	Inches
5/31	0"
6/30	1 1/2"
Monthly water change inches = <b>1 1/2"</b>	

(h) Total monthly pump meter reading (uses) or sales (column 8) = **15,632**

(i) MAXIMUM ALLOWABLE LIMIT (Monthly Variance)

Total monthly pump meter reading (uses) or sales (h) x 1% + 130 gal. = max. gallons allowed

**15,632 x 0.01 + 130 gal. = 286 gal. max. allowable**

(k) If any of the following occur, then phone (603) 271-3644:

1. If monthly variance (g) is greater than max. allowable (i);
2. If total water depth is greater than the allowable 3" (e); or
3. If change in water depth is greater than the allowable 2" (e).

Monthly Gallons Over +225

Monthly Gallons Short -188

(g) Monthly Variance (+ or -) **+ 37**

( J ) Owner Signature John Smith

\* NOTE: ALL COLUMN ENTRIES ARE IN GALLONS

NOTE: (d) MEASUREMENT OF LIQUID STORED MAY BE TAKEN AT THE START OF DAY AND / OR END OF OPERATING DAY.

7/23/97 INREPORT.WK4